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WILHELM, Pirmin [DE/DE]; Fridolin-Lauber Str. 18
 79725 Laufenburg-Binzgen (DE)

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(74) Attorney: NEUNERT, Peter; Westphal, Mussnug &
 Partners, Waldstr. 33. 78048 VS-Villingen (DE)

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(71) Registrant (*for all countries of destination except US*):
 TREIBACHER SCHLEIFMITTEL GMBH
 [DE/DE]; Ferroweg 1, 79725 Laufenburg (DE)

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(72) Inventor: and

(75) Inventor / Registrant (*only for US*): MÖLTGEN,
 Paul [DE/DE]; Steigmattstrasse 2, 79725 Laufenburg
 (DE).

(54) Title: Al₂O₃/SiC NANOCOMPOSITE ABRASIVE GRAINS, METHOD FOR PRODUCING THEM AND THEIR USE

(57) Abstract: The invention relates to a method for producing Al₂O₃/SiC nanocomposite abrasive grains. SiC nanoparticles are added to a sol containing aluminum oxide and said sol is then gelatinized, dried, calcinated and sintered. The invention also relates to Al₂O₃/SiC nanocomposite abrasive grains.